

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

Listing of Claims:

Claim 1-10 (Canceled).

Claim 11 (Currently Amended): The central control station as claimed in claim 19, wherein said analog signal conversion units include a modulation/demodulation unit.

Claim 12 (Currently Amended): The central control station as claimed in claim 19, wherein said analog signal conversion units include a modulation/demodulation unit and a radio frequency conversion unit.

Claim 13 (Currently Amended): The central control station as claimed in claim 19, wherein said analog signal conversion units include a base-band modulation/demodulation unit.

Claim 14 (Canceled).

Claim 15 (Currently Amended): The central control station as claimed in claim 20, wherein said analog signal conversion means includes a modulation/demodulation unit.

Claim 16 (Currently Amended): The central control station as claimed in claim 20, wherein said analog signal conversion means includes a modulation/demodulation unit and a radio frequency conversion unit.

Claim 17 (Currently Amended): The central control station as claimed in claim 20, wherein said analog signal conversion means includes a base-band modulation/demodulation unit.

Claim 18 (Canceled).

Claim 19 (Currently Amended): A central control station configured to control ~~which controls~~ base stations connected thereto, and is connected to an upper-level station, said central control station comprising:

a demultiplexing unit ~~which demultiplexes~~ configured to demultiplex a signal supplied from the upper-level station to generate a plurality of demultiplexed signals for transmission to the base stations;

analog-to-digital converters coupled to said multiplexing unit, configured to convert the respective demultiplexed signals from digital to analog, so as to output respective analog signals;

analog signal conversion units which are coupled to said analog-to-digital converters, configured to demultiplexing unit and convert the respective analog demultiplexed signals into converted analog signals having a common transmission format;

transceiver units including at least one radio transceiver unit linked to a corresponding one of the base stations via a radio link and at least one optical transceiver unit linked to a corresponding one of the base stations via an optical fiber link; and

a distribution unit which is provided between said analog signal conversion units and said transceiver units, configured to provide changeable interconnections between said analog signal conversion units and said transceiver units for the converted analog signals having the

common transmission format, said common transmission format enabling compatibility between radio links and optical fiber links with respect to the changeable interconnections.

Claim 20 (Currently Amended): A central control station which controls base stations connected thereto, and is connected to an upper-level station, said central control station comprising:

a demultiplexing unit configured to demultiplex ~~which demultiplexes~~ a signal supplied from the upper-level station to generate a plurality of demultiplexed signals for transmission to the base stations;

analog-to-digital converters coupled to said multiplexing unit, configured to convert the respective demultiplexed signals from digital to analog, so as to output respective analog signals;

analog signal conversion means configured to convert ~~for converting~~ the respective analog demultiplexed signals into converted analog signals having a common transmission format, said signal conversion means being coupled to said analog-to-digital converters ~~demultiplexing unit;~~

transceiver units including at least one radio transceiver unit linked to a corresponding one of the base stations via a radio link and at least one optical transceiver unit linked to a corresponding one of the base stations via an optical fiber link; and

a distribution unit which is provided between said analog signal conversion units means and said transceiver units, configured to provide changeable interconnections between said analog signal conversion units means and said transceiver units for the converted analog signals having the common transmission format, said common transmission format enabling compatibility between radio links and optical fiber links with respect to the changeable interconnections.

Claim 21 (Currently Amended): A method for controlling base stations connected to an upper-level station in a mobile communication system, the method comprising ~~the steps~~ of:

(a) demultiplexing a signal supplied from the upper-level station to generate a plurality of demultiplexed signals for transmission to the base stations;

first converting the respective demultiplexed signals from digital to analog to output respective analog signals, after said demultiplexing;

~~(b) after said demultiplexing step (a),~~ second converting the respective analog ~~demultiplexed~~ signals into converted analog signals having a common transmission format, after said first converting demultiplexing;

~~(c) after said converting step (b),~~ distributing said converted analog signals via changeable interconnections to transceiver units including at least one radio transceiver unit linked to a corresponding one of the base stations via a radio link and at least one optical transceiver unit linked to a corresponding one of the base stations via an optical fiber link, said common transmission format enabling compatibility between radio links and optical fiber links with respect to the changeable interconnections, after said second converting; and

~~(d) after said distributing step (c),~~ transmitting said distributed signals to the corresponding ones of the base stations via the radio link and the optical fiber link, after said distributing.